

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel claims 9-17 and 19-20.
Please add new claim 18.

1. (Previously Amended) A method for generating display information, the method comprising the following steps performed by one or more digital processors determining positions and orientations of multiple disconnected display screens; and generating display information for the display screens by using the determined positions and orientations so that different portions of a single scene are displayed upon multiple disconnected display screens at the same time to provide a coherent view of the scene from at least one viewpoint.
2. (Original) The method of claim 1, wherein a user input device is coupled to a first digital processor, the method further comprising using the first digital processor to receive signals from the user input device to obtain information to, at least in part, describe the position of a display screen.
3. (Original) The method of claim 2, wherein the user input device includes a position sensor.
4. (Original) The method of claim 2, wherein the user input device includes a numeric input, the method further comprising accepting signals from the user input device to allow a human user to specify a display screen's position information.
5. (Previously Amended) A method for using multiple display screens in a presentation, the method comprising first sensing the positions of a plurality of disconnected display screens at a first time; providing the first sensed positions to a digital processor for rendering views for the plurality of display screens in accordance with the first sensed positions; sensing the positions of the plurality of disconnected display screens at a second time; and providing the second sensed positions to a digital processor for rendering views for the plurality of disconnected display screens in accordance with the second sensed positions.

6. (Original) The method of claim 5, further comprising sensing the position of a display screen by accepting input from a human user.
7. (Original) The method of claim 5, further comprising automatically sensing the position of a display screen.
8. (Previously Amended) A method for using multiple disconnected display screens in a computer-generated presentation, the method comprising indicating to a human user preferred positions for two or more display screens; and rendering views for the two or more display screens in accordance with the preferred positions.
- 9-17. (Canceled)
18. (New) The method of claim 8, further comprising accepting signals from a user input device to modify a preferred position of at least one of the two or more display screens.
- 19-20.
21. (Original) The method of claim 1, further comprising sensing a dimension of a display screen; and wherein generating display information includes using the sensed dimension to display at least a portion of the single scene to provide a coherent view.
22. (Original) The method of claim 21, wherein the sensing a dimension of a display screen includes detecting three points of a particular display screen; and using the detected three points to determine a dimension of the particular display screen.
23. (Original) The method of claim 22, wherein a sensor is used to convey information about the three points.
24. (Original) The method of claim 23, wherein the sensor includes an infrared emitter.
25. (Original) The method of claim 23, wherein the sensor includes an acoustic emitter.
26. (Original) The method of claim 23, wherein the sensor includes a radio-frequency emitter.

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27. (Original) The method of claim 23, wherein a sensor includes a global positioning system.

28. (Original) The method of claim 1, further comprising using a presentation program to receive user input to determine a display screen characteristic.